

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 246  | 356/603 and<br>@ad<="20031218"  | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:25 |
| S2    | 43   | "5825476"   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:25 |
| S3    | 1    | ("5825476").PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | OFF     | 2007/10/15<br>10:25 |
| S4    | 1275 | (light adj project\$3) with<br>(fiber or waveguide)   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:34 |
| S5    | 309  | S4 and "385"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:34 |
| S6    | 9    | ("3489482").URPN.   | USPAT  | OR               | ON      | 2007/10/15<br>10:28 |
| S7    | 24   | ("3227535"   "3238837"  <br>"3265584"   "3466928"  <br>"3489482"   "3702275").PN.<br>OR ("3854792").URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:29 |
| S8    | 18   | ("3083123"   "3320114"  <br>"3434774"   "3481195"  <br>"3614197").PN. OR<br>("3753607").URPN.             | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:31 |
| S9    | 249  | S4 and "356"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:34 |
| S10   | 2179 | (light near project\$3) with<br>(fiber or waveguide)  | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>11:34 |
| S11   | 375  | S10 and "356"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:35 |
| S12   | 14   | S10 and (polygon with<br>((cross adj section) or cross-<br>section))                                      | US-PGPUB;<br>USPAT; USOCR                                      | OR               | ON      | 2007/10/15<br>10:41 |
| S13   | 1    | ("20060146560").PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | OFF     | 2007/10/15<br>11:11 |
| S14   | 4503 | (light near project\$3) with<br>(fiber or waveguide)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/15<br>11:34 |
| S15   | 42   | S14 and (input adj face)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/15<br>11:38 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| S16 | 50 | ((("4524405") or ("5686983") or ("5987265") or ("6093924") or ("6191412") or ("4317998") or ("4328516") or ("4632542") or ("4771308") or ("4870442") or ("4963016") or ("5237207") or ("5448502") or ("5457574") or ("5594843") or ("5606455") or ("5666571") or ("5864344") or ("5892598") or ("5907150") or ("5949063") or ("5990894") or ("6008486") or ("6018350") or ("6087649") or ("6111242") or ("4325618") or ("4330177") or ("4346962") or ("4408834") or ("4427276") or ("4447896") or ("4480894") or ("4553832") or ("4590367") or ("4607279") or ("4626091") or ("4775218") or ("4814864") or ("4868652") or ("4961625") or ("5012396") or ("5208417") or ("5231379") or ("5233385") or ("5251392") or ("5349378") or ("5371663") or ("5378902") or ("5438452"))).PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/10/15<br>11:45 |
| S17 | 13 | ((("4294544") or ("4867570") or ("6160479") or ("6147760") or ("5726443") or ("5175601") or ("5675407") or ("5003166") or ("2002016631") or ("5852672") or ("6377353") or ("2001035636") or ("5793035") or ("6154279") or ("6318863"))).PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/10/15<br>11:45 |
| S18 | 1  | ("20020008055").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/10/15<br>11:46 |
| S19 | 2  | ((("5585626") or ("6572139"))).PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2007/10/15<br>11:46 |
| S20 | 24 | ("3227535"   "3238837"   "3265584"   "3466928"   "3489482"   "3702275").PN.<br>OR ("3854792").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/29<br>22:50 |

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| S21 | 18   | ("3083123"   "3320114"   "3434774"   "3481195"   "3614197").PN. OR ("3753607").URPN.                                     | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 22:51 |
| S22 | 34   | ("3434774").PN. OR ("3614197").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 22:54 |
| S23 | 9    | ("3489482").URPN.  | USPAT  | OR | ON  | 2008/01/29 22:56 |
| S24 | 4529 | (light adj (project\$3or generat\$3)) with (fiber or waveguide)  | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 23:06 |
| S25 | 1645 | S24 and pattern  | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 23:07 |
| S26 | 1186 | S25 and @ad<="20031218"  | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 23:08 |
| S27 | 15   | ("4917448"   "4975809"   "5013109"   "5260686"   "5295216"   "5448455"   "5508892"   "5892436").PN. OR ("6198872").URPN. | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/01/29 23:19 |
| S28 | 1    | ("20060146560").PN.  | US-PGPUB; USPAT; USOCR                                   | OR | OFF | 2008/02/19 20:45 |
| S29 | 1    | ("6377353").PN.  | US-PGPUB; USPAT; USOCR                                   | OR | OFF | 2008/02/19 21:29 |
| S30 | 11   | ("4745472"   "4787739"   "5412420"   "5483441").PN. OR ("6377353").URPN.   | US-PGPUB; USPAT; USOCR                                   | OR | ON  | 2008/02/19 21:29 |
| S31 | 64   | structured adj light adj (generator or projector)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/02/19 22:05 |
| S32 | 31   | S31 and @ad<="20031218"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/02/19 22:06 |
| S33 | 8    | ((("0994342") or ("6318863") or ("2585853") or ("620007019"))).PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/19 22:11 |
| S34 | 2    | ("4656562").PN.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/19 22:14 |

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| S35 | 2  | ("5634704").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/19<br>22:21 |
| S36 | 1  | ("6318863").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/20<br>13:19 |
| S37 | 2  | ("0304858").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/22<br>16:10 |
| S38 | 0  | ("0304858").PN.  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | OFF | 2008/02/22<br>16:11 |
| S39 | 64 | structured adj light adj<br>(generator or projector)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/02/22<br>16:11 |
| S40 | 21 | ((("4867570") or ("6618123")<br>or ("5625738") or<br>("6545749") or ("3589815")<br>or ("6512575") or<br>("20030012115") or<br>("5012453") or<br>("20030128361") or<br>("5519204") or ("5748295")<br>or ("6717654") or<br>("5910767") or ("6580814")<br>or ("6721465") or<br>("6392744") or ("4740806")<br>or ("6700651") or<br>("6801639") or ("6480265")<br>or ("6538751")).PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/06/21<br>09:08 |
| S41 | 1  | ("6318863").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/06/21<br>09:18 |
| S42 | 2  | ((("6318863") or<br>("6707555")).PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/06/21<br>09:29 |
| S43 | 9  | (LEWIN with ANDREW).in.<br>and (ORCHARD with DAVID).<br>in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/15<br>22:35 |
| S44 | 58 | (LEWIN with ANDREW).in.<br>or (ORCHARD with DAVID).<br>in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/15<br>22:39 |

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| S45 | 3   | S44 and (structured adj light) and (light adj guide) and image\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/15<br>22:40 |
| S46 | 5   | ((structured adj light) and (light adj guide) and image \$1and (reflective adj side\$1) and (project adj2 array)).<br>clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/15<br>22:44 |
| S47 | 2   | ((("3786238") or ("5726443")).PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/07/15<br>23:00 |
| S48 | 3   | ((("3786238") or ("5726443") or ("20020008055")).PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/07/15<br>23:02 |
| S49 | 2   | ((("5625738") or ("4867570")).PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/07/15<br>23:07 |
| S50 | 262 | 356/603 and<br>@ad<="20031218"   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/07/15<br>23:50 |
| S51 | 2   | ((("5625738") or ("4867570")).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/28<br>17:36 |
| S52 | 13  | ((("4,867,570") or ("6,618,123") or ("5,625,738") or ("6,545,749") or ("3,589,815") or ("6,512,575") or ("20030012115") or ("5,012,453") or ("20030128361") or ("5,519,204") or ("5,748,295") or ("6,717,654") or ("5,910,767")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/28<br>17:38 |
| S53 | 1   | ("20060146560").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/28<br>17:48 |
| S54 | 2   | ((("4656562") or ("5634704")).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/07<br>21:51 |
| S55 | 9   | ("3489482").URPN.  | USPAT   | OR | ON  | 2009/01/07<br>21:56 |
| S56 | 57  | ("4735495"   "5347433"   "5398086"   "5765934"   "5808800"   "5829858"   "5971545").PN. OR ("6318863").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/01/07<br>21:59 |
| S57 | 1   | ("5726443").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/07<br>22:20 |
| S58 | 1   | ("4867570").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/07<br>22:24 |

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| S59 | 1  | (62/007019).APP.   | JPO   | OR | OFF | 2009/01/23<br>13:53 |
| S60 | 0  | "6318863".pn. and square   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/01/23<br>14:32 |
| S61 | 1  | ("2585853").PN.  | EPO   | OR | OFF | 2009/01/24<br>16:33 |
| S62 | 0  | ("0994342").PN.  | EPO   | OR | OFF | 2009/01/24<br>16:35 |
| S63 | 1  | ("6707555").PN.  | USPAT   | OR | OFF | 2009/01/24<br>16:37 |
| S64 | 54 | ((("3854792") or ("3753607")<br>or ("3184732") or<br>("3489482") or ("3641049")<br>or ("3614197") or<br>("5159656") or ("6198872")<br>or ("5634704") or<br>("4656562") or ("2395289")<br>or ("20060146560") or<br>("6318863") or<br>("20060044546") or<br>("20060163455") or<br>("7131735") or ("7459670")<br>or ("2585853") or<br>("6707555")).PN. or<br>(62/007019).APP. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/24<br>20:14 |
| S66 | 6  | S64 and mask   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/01/24<br>20:15 |
| S67 | 10 | S64 and mask   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/24<br>20:21 |
| S68 | 2  | S64 and diffus\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/24<br>20:22 |
| S69 | 6  | S64 and homogeni\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/24<br>20:23 |
| S70 | 32 | kaleidoscope with diffus\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/24<br>20:26 |

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| S71 | 17   | S70 and @ad<="20031218"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/24<br>20:27 |
| S72 | 12   | ("1518204"   "3482896"  <br>"3809879"   "3930711"  <br>"4475126"   "4820004"  <br>"5223889"   "5475532").PN.<br>OR ("5757548").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/24<br>20:41 |
| S73 | 25   | ("1716668"   "1826090"  <br>"2452363"   "2454577"  <br>"3111878"   "3237512"  <br>"3383150"   "3661439").PN.<br>OR ("3930711").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/24<br>20:43 |
| S74 | 30   | ("1968759"   "2900867"  <br>"3020796"   "3366786"  <br>"3482896"   "3514178").PN.<br>OR ("3809879").URPN.                            | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/24<br>20:53 |
| S75 | 5    | ("3000123"   "3809879"  <br>"D025391").PN. OR<br>("D265095").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/01/24<br>20:57 |
| S76 | 12   | kaleidoscope same (spot<br>with densit\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/24<br>21:51 |
| S77 | 10   | S76 and @ad<="20031218"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/24<br>21:51 |
| S78 | 1    | "20060146560".pn. and axis   | US-PGPUB;<br>USPAT  | OR | ON | 2009/01/25<br>10:07 |
| S79 | 1    | "20060146560".pn. and<br>modulat\$3  | US-PGPUB;<br>USPAT  | OR | ON | 2009/01/25<br>10:32 |
| S80 | 5969 | fedorov.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>11:05 |
| S81 | 50   | fedorov.in. and ivashina.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/25<br>11:06 |

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| S82 | 1  | "6707555".pn. and kaleidoscope   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/01/25<br>19:05 |
| S83 | 3  | kaleidoscope with (hemispherical with lens)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/26<br>04:43 |
| S84 | 3  | kaleidoscope same (hemispherical with lens)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/26<br>04:43 |
| S85 | 5  | kaleidoscope and (hemispherical with lens)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/26<br>04:44 |
| S86 | 2  | S85 not S84  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/26<br>04:44 |
| S87 | 4  | ((("6746124") or ("5056892") or ("6005722") or ("6350041")).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/26<br>05:06 |
| S88 | 23 | ((("2,215,900") or ("2,254,961") or ("3,997,240") or ("4,260,220") or ("4,906,070") or ("4,918,583") or ("5,056,892") or ("5,109,465") or ("5,303,084") or ("5,609,780") or ("5,844,588") or ("5,949,941") or ("5,966,491") or ("6,043,425") or ("6,219,480") or ("6,419,365") or ("6,504,948") or ("6,517,210") or ("6,746,124") or ("6,857,752") or ("6,862,091") or ("6,995,355") or ("20050225988")).PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/26<br>05:21 |



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|-----|-----|---|--------------------|----|-----|---------------------|
| S89 | 3   | ((("6,080,467") or ("5,363,470") or ("20010012429")).PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/26<br>05:28 |
| S90 | 781 | 359/546,618.ccls. and @ad<="20031218"   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/26<br>05:33 |
| S91 | 802 | (S87 or S88 or S89 or S90) and @ad<="20031218"  | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/26<br>05:47 |
| S92 | 3   | S91 and kaleidoscope and (light with pattern\$1)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/26<br>05:47 |
| S93 | 31  | ((("3854792") or ("3753607") or ("3184732") or ("3489482") or ("DE3641049") or ("3614197") or ("5159656") or ("6198872") or ("5634704") or ("4656562") or ("2395289") or ("6318863") or ("7131735") or ("2585853") or ("6707555") or ("20030179346") or ("20020030793") or ("6517211") or ("6252714") or ("6072631") or ("5757548") or ("3809879") or ("4815801") or ("2000155545") or ("6373026") or ("2228344") or ("6005722") or ("6350041") or ("5303084") or ("4918583") or ("20010012429") or ("6285855")).PN. or ((62/007019) or (02/252453)).APP. | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/31<br>12:50 |
| S94 | 32  | ((("3854792") or ("3753607") or ("3184732") or ("3489482") or ("DE3641049") or ("3614197") or ("5159656") or ("6198872") or ("5634704") or ("4656562") or ("2395289") or ("6318863") or ("7131735") or ("6207019") or ("2585853") or ("6707555") or ("20030179346") or ("20020030793") or ("6517211") or ("6252714") or ("6072631") or ("5757548") or ("3809879") or ("4815801") or ("2000155545") or ("6373026") or ("2228344") or ("6005722") or  | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/31<br>12:50 |

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|      |      | ("6350041") or ("5303084")<br>or ("4918583") or<br>("20010012429") or<br>("6285855").PN. or<br>(02/252453).APP. |   |    |     |                     |
| S95  | 8    | S94 and mask\$3   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/01/31<br>12:53 |
| S96  | 28   | kaleidoscope with (mask\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/31<br>13:13 |
| S97  | 22   | S96 and @ad<="20031218"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/31<br>13:14 |
| S98  | 49   | kaleidoscope with (aperture)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/31<br>13:27 |
| S99  | 30   | S98 and @ad<="20031218"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/31<br>13:27 |
| S100 | 24   | S99 not S97   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/01/31<br>13:27 |
| S101 | 1    | ("3030856").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/01/31<br>13:55 |
| S102 | 9    | ("3030856").URPN.   | USPAT   | OR | ON  | 2009/01/31<br>13:59 |
| S110 | 1    | ("6318863").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/11/12<br>15:30 |
| S111 | 0    | "Ask."  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/12/30<br>14:24 |
| S123 | 300  | 356/635.ccls.   | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:23 |
| S124 | 3422 | "356"/\$.ccls. and (project\$3<br>near2 pattern\$1)   | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:27 |
| S125 | 3254 | S124 and imag\$3  | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:27 |

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| S126 | 2376 | S125 and size  | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:27 |
| S127 | 7285 | 356/601-634.ccls.  | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:28 |
| S128 | 604  | S126 and S127  | US-PGPUB;<br>USPAT  | OR | ON  | 2010/05/13<br>12:29 |
| S129 | 14   | ("6377353").URPN.  | USPAT   | OR | ON  | 2010/05/13<br>12:35 |
| S130 | 24   | (structured adj light adj<br>generator)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/13<br>12:38 |
| S131 | 79   | (structured adj light adj<br>projector)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/13<br>12:40 |
| S132 | 76   | S131 not S130  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/05/13<br>12:40 |
| S133 | 1    | ("6377353").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2010/05/13<br>14:13 |
| S134 | 1    | ("20060146560").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2010/05/25<br>09:18 |
| S135 | 179  | kaleidoscope with project\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/08<br>17:48 |
| S136 | 16   | kaleidoscope and (structured<br>near2 light)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/08<br>18:09 |
| S137 | 1    | ("6318863").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2010/06/08<br>18:13 |
| S138 | 18   | ("4745472"   "4787739"  <br>"5412420"   "5483441").PN.<br>OR ("6377353").URPN.           | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/06/08<br>18:43 |
| S139 | 5    | ((("4745472") or ("5483441")<br>or ("5576949") or<br>("5673647") or ("5412420")).<br>PN. | US-PGPUB;<br>USPAT  | OR | OFF | 2010/06/08<br>18:49 |

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|------|----|---|---------------------------|----|-----|---------------------|
| S140 | 14 | ("4745472").PN. OR<br>("5412420").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/08<br>18:50 |
| S141 | 1  | ("4247181").PN.   | US-PGPUB;<br>USPAT        | OR | OFF | 2010/06/09<br>10:41 |
| S142 | 9  | ("1990867"   "2553005"  <br>"3600076").PN. OR<br>("4247181").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:42 |
| S143 | 3  | ("1990867").URPN.   | USPAT                     | OR | ON  | 2010/06/09<br>10:45 |
| S144 | 15 | ("1697382"   "1968759"  <br>"1990867"   "3809879"  <br>"3953104").PN. OR<br>("4815801").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:46 |
| S145 | 6  | ("1990867").PN. OR<br>("3953104").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:48 |
| S146 | 8  | ("2727426"   "3020796"  <br>"3748013"   "3953104").PN.<br>OR ("5184249").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:48 |
| S147 | 28 | ("0754143"   "1274656"  <br>"1518204"   "2727426"  <br>"3011392"   "3039356"  <br>"3255661").PN. OR<br>("3748013").URPN.                            | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:56 |
| S148 | 11 | ("2198051"   "3383150"  <br>"3748013"   "3809879"  <br>"5131734"   "6332686"  <br>"6336725").PN. OR<br>("6644819").URPN.                            | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:58 |
| S149 | 13 | ("2360298"   "2452363"  <br>"3930711"   "4475126"  <br>"5020870"   "5225934"  <br>"5475532"   "5757548"  <br>"6139160").PN. OR<br>("6336725").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>10:58 |
| S150 | 12 | ("1518204"   "3482896"  <br>"3809879"   "3930711"  <br>"4475126"   "4820004"  <br>"5223889"   "5475532").PN.<br>OR ("5757548").URPN.                | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:00 |
| S151 | 21 | ("3357768"   "3542948"  <br>"3642342"   "3809879"  <br>"4354205").PN. OR<br>("4475126").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:00 |
| S152 | 8  | ("20030214259"  <br>"20040032662"   "3809879"<br>  "4172629"   "5172270"  <br>"6332686"   "6644819").PN.<br>OR ("7207682").URPN.                    | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:02 |

|      |    |   |                           |    |     |                     |
|------|----|---|---------------------------|----|-----|---------------------|
| S153 | 13 | ("2553005"   "3358556"  <br>"3885865"   "5132844"  <br>"5143444"   "5469297"  <br>"5526076"   "5980043"  <br>"6332686"   "7101046"  <br>"7207682").PN. OR<br>("7581835").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:03 |
| S154 | 1  | ("4077706").PN.   | US-PGPUB;<br>USPAT        | OR | OFF | 2010/06/09<br>11:09 |
| S155 | 6  | ("1577388"   "3030856").PN.<br>OR ("4077706").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:09 |
| S156 | 4  | ("1577388").URPN.   | USPAT                     | OR | ON  | 2010/06/09<br>11:10 |
| S157 | 21 | ("1577388"   "2764071"  <br>"3064545"   "3368198"  <br>"3484599"   "3509804"  <br>"3543657").PN. OR<br>("3693515").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:12 |
| S158 | 4  | ("1577388").URPN.   | USPAT                     | OR | ON  | 2010/06/09<br>11:43 |
| S159 | 31 | ("1351562"   "1577388"  <br>"1880414"   "20020109795"<br>  "20030023231"  <br>"20030107711"   "3600568"<br>  "4427283"   "4466717"  <br>"4735491"   "4918583"  <br>"5050974"   "5173799"  <br>"5371626"   "5541765"  <br>"5576888"   "5625738"  <br>"5634704"   "5748376"  <br>"5868481"   "5978051"  <br>"6249906"   "6332688"  <br>"6419365"   "6429906"  <br>"6461001"   "6575580"  <br>"6773116").PN. OR<br>("7152981").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>11:44 |
| S161 | 1  | ("3501217").PN.   | US-PGPUB;<br>USPAT        | OR | OFF | 2010/06/09<br>15:27 |
| S162 | 5  | ("3501217").URPN.   | USPAT                     | OR | ON  | 2010/06/09<br>15:28 |
| S163 | 14 | ("1034478"   "2210718"  <br>"2493238"   "3501217"  <br>"3651319"   "3694645"  <br>"4164823"   "4809584"  <br>"4920467"   "5276599").PN.<br>OR ("6692138").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>16:02 |
| S164 | 41 | ("1623086"   "3019701"  <br>"3610918"   "3611603"  <br>"3694645"   "3790772"  <br>"3840732"   "4121279"  <br>"4164823"   "4259709"  <br>"4591920"   "4843524").PN.<br>OR ("5276599").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2010/06/09<br>16:05 |

|      |      |   |   |    |     |                     |
|------|------|---|---|----|-----|---------------------|
| S165 | 3    | ("1034478").URPN.   | USPAT   | OR | ON  | 2010/06/09<br>16:08 |
| S166 | 26   | ("1034478"   "1090278"  <br>"2404943"   "2493238"  <br>"2900867"   "3357768"  <br>"3501217"   "3567306"  <br>"3603663"   "4202604"  <br>"4475126"   "4815801"  <br>"4948241"   "4952004"  <br>"4978217"   "5117307"  <br>"5313276").PN. OR<br>("6062698").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/06/09<br>16:08 |
| S167 | 15   | ("0169882"   "1968759"  <br>"2298966"   "3567306"  <br>"3603663").PN. OR<br>("4952004").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/06/09<br>16:10 |
| S168 | 3405 | spot\$1 adj project\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/09<br>16:12 |
| S169 | 2143 | S168 and<br>@ad<="20031218"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/09<br>16:12 |
| S170 | 19   | ("4745472"   "4787739"  <br>"5412420"   "5483441"  <br>"6377353").PN. OR<br>("6549289").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/06/09<br>16:35 |
| S172 | 1    | ("5113332").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2010/06/10<br>17:30 |
| S173 | 52   | ("3757106"   "4294524"  <br>"4627696"   "4812034"  <br>"4832461"   "4891738"  <br>"4899267").PN. OR<br>("5113332").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/06/10<br>17:32 |
| S174 | 3640 | spots near project\$3   | US-PGPUB;<br>USPAT  | OR | ON  | 2010/06/10<br>17:52 |
| S175 | 8    | S174 and kaleidoscop\$2   | US-PGPUB;<br>USPAT  | OR | ON  | 2010/06/10<br>17:53 |
| S176 | 1    | ("2411804").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2010/06/10<br>18:29 |
| S177 | 7    | ("2411804").URPN.   | USPAT   | OR | ON  | 2010/06/10<br>18:29 |
| S178 | 40   | kaleidoscop\$2 near project<br>\$3  | US-PGPUB;<br>USPAT  | OR | ON  | 2010/06/10<br>18:30 |
| S179 | 1    | ("6,644,819").PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2010/06/10<br>18:32 |

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|------|------|--|--|----|----|------------------|
| S180 | 11   | ("2198051"   "3383150"   "3748013"   "3809879"   "5131734"   "6332686"   "6336725").PN. OR ("6644819").URPN. | US-PGPUB; USPAT; USOCR                                   | OR | ON | 2010/06/10 18:32 |
| S182 | 1    | kingsinger.in. and kaleidoscop\$2  | US-PGPUB; USPAT  | OR | ON | 2010/06/16 10:04 |
| S183 | 294  | kaleidoscop\$2 and (structure\$1 with light)   | US-PGPUB; USPAT  | OR | ON | 2010/06/16 11:08 |
| S184 | 57   | S183 and kaleidoscop\$2 and (structure\$1 adj light)   | US-PGPUB; USPAT  | OR | ON | 2010/06/16 11:09 |
| S185 | 10   | kaleidoscop\$2 and (structured adj light)  | US-PGPUB; USPAT  | OR | ON | 2010/06/16 11:12 |
| S186 | 12   | kaleidoscop\$2 and (structured adj light)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/16 11:15 |
| S187 | 2    | S186 not S185  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/16 11:15 |
| S188 | 11   | kaleidoscop\$2 and (constant adj cross\$8)   | US-PGPUB; USPAT  | OR | ON | 2010/06/17 15:07 |
| S189 | 1001 | kaleidoscop\$2 and cross\$8  | US-PGPUB; USPAT  | OR | ON | 2010/06/17 15:09 |
| S190 | 448  | kaleidoscop\$2 and ((cross adj section) or cross-section)  | US-PGPUB; USPAT  | OR | ON | 2010/06/17 15:10 |
| S191 | 437  | S190 not S188  | US-PGPUB; USPAT  | OR | ON | 2010/06/17 15:10 |
| S192 | 15   | ("2423371"   "3100418"   "3383150"   "3674333"   "3841730").PN. OR ("4653843").URPN.                         | US-PGPUB; USPAT; USOCR                                   | OR | ON | 2010/06/17 15:12 |
| S193 | 51   | kaleidoscop\$2 and (total adj internal adj reflection)   | US-PGPUB; USPAT  | OR | ON | 2010/06/17 18:29 |
| S194 | 33   | kaleidoscop\$2 and (total adj internal adj reflection) and solid   | US-PGPUB; USPAT  | OR | ON | 2010/06/17 18:31 |

|      |    |  |                    |    |     |                     |
|------|----|--|--------------------|----|-----|---------------------|
| S196 | 42 | ((("3854792") or ("3753607") or ("3184732") or ("3489482") or ("3641049") or ("3614197") or ("5159656") or ("6198872") or ("5634704") or ("4656562") or ("2395289") or ("6318863") or ("7131735") or ("2585853") or ("6707555") or ("20030179346") or ("20020030793") or ("6517211") or ("6252714") or ("6072631") or ("5757548") or ("3809879") or ("4815801") or ("2000155545") or ("6373026") or ("2228344") or ("6005722") or ("6350041") or ("5303084") or ("4918583") or ("20010012429") or ("6285855") or ("3030856") or ("4077706") or ("4891738") or ("6377353") or ("1577388") or ("6644819") or ("2604812") or ("5094525") or ("5546226") or ("20020141070") or ("3841730")).PN. or ((62/007019) or (02/252453)).APP. | US-PGPUB;<br>USPAT | OR | OFF | 2010/06/17<br>19:11 |
| S197 | 2  | S196 and (kaleidoscop\$2 and (total adj internal adj reflection) and solid)  | US-PGPUB;<br>USPAT | OR | ON  | 2010/06/17<br>19:12 |
| S198 | 3  | S196 and ((total adj internal adj reflection) and solid)   | US-PGPUB;<br>USPAT | OR | ON  | 2010/06/17<br>19:12 |
| S199 | 3  | S196 and ((total adj internal) and solid)  | US-PGPUB;<br>USPAT | OR | ON  | 2010/06/17<br>19:13 |
| S200 | 17 | S196 and solid   | US-PGPUB;<br>USPAT | OR | ON  | 2010/06/17<br>19:14 |
| S201 | 1  | "7131735".pn. and internal   | US-PGPUB;<br>USPAT | OR | ON  | 2010/06/17<br>19:47 |

6/ 18/ 2010 8:19:59 AM

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